

CLAIMS

What is claimed is:

1. A roof mirror assembly, comprising:
first and second mirror panels having first and second reflective surfaces and first and second back portions, respectively, said first and second mirror panels being joined together so that said first and second reflective surfaces are substantially perpendicular to each other; and
at least one mounting block to complete said joining together of said first and second mirror panels into said roof mirror assembly and for mounting said panels onto another structure, said at least one mounting block attached to both said first and second back portions of said mirror panels, wherein said back portions extend along said respective mirror panels in orientations that do not meet or intersect with said reflective surfaces.
2. A roof mirror assembly as recited in claim 1, said at least one mounting block is attached to said first and second back portions by adhesive material.
3. A roof mirror assembly as recited in claim 1, said at least one mounting block being first and second mounting blocks.
4. A roof mirror assembly as recited in claim 3, said first and second mounting blocks each having first and second mounting surfaces, each of said first mounting surfaces being attached to said first back portion of said first mirror panel and each of said second mounting surfaces being attached to said second back portion of said second mirror panel.
5. A roof mirror assembly as recited in claim 4, said mounting blocks being attached to said back portions of said mirror panels by adhesive material.
6. A roof mirror assembly as recited in claim 4, each of said mirror panels further having a protruding element extending from said back portion thereof in a direction generally away from said reflective surface of said mirror panel, said protruding element forming first and second receiving surfaces extending along portions thereof for attachment thereto of said first and second mounting surfaces of said first and second mounting blocks.
7. A roof mirror assembly as recited in claim 6, wherein each of said first and second receiving surfaces of each of said protruding elements lies in a plane oriented substantially perpendicularly to planes lying along each of said reflective surfaces.

8. A roof mirror assembly as recited in claim 6, wherein each of said first receiving surfaces of each of said protruding elements lies in a plane oriented substantially perpendicular to planes lying along each of said reflective surfaces and wherein each of said second receiving surfaces of each of said protruding elements lies in a plane oriented substantially parallel to said planes of said reflective surfaces.

9. A roof mirror assembly as recited in claim 6, wherein each of said first and second receiving surfaces of each of said protruding elements lies in a plane oriented substantially parallel to planes lying along each of said reflective surfaces.

10. A roof mirror assembly as recited in claim 6, said first mirror panel further having a first edge surface lying in a plane substantially oriented at a 45° angle to a plane of said first reflective surface and said second mirror panel further having a second edge surface lying in a plane substantially oriented at a 45° angle to a plane of said second reflective surface, wherein said first and second edge surfaces are joined together creating a common plane substantially oriented at a 45° angle to both of said planes of said reflective surfaces, and further wherein said joining together of said panels along said common plane causes said first and second reflective surfaces of said mirror panels to be oriented substantially perpendicular to each other.

11. A roof mirror assembly as recited in claim 10, wherein said first and second edge surfaces are joined together creating a miter joint.

12. A roof mirror assembly as recited in claim 1, further comprising a back plate member attached below said at least one mounting block.

13. A roof mirror assembly as recited in claim 1, wherein said first and second mirror panels and said at least one mounting block are formed of the same material.

14. A roof mirror assembly as recited in claim 13, said material having dimensional stability with respect to changes in temperature.

15. A roof mirror assembly as recited in claim 14, wherein said material is one of fused quartz or annealed Pyrex.